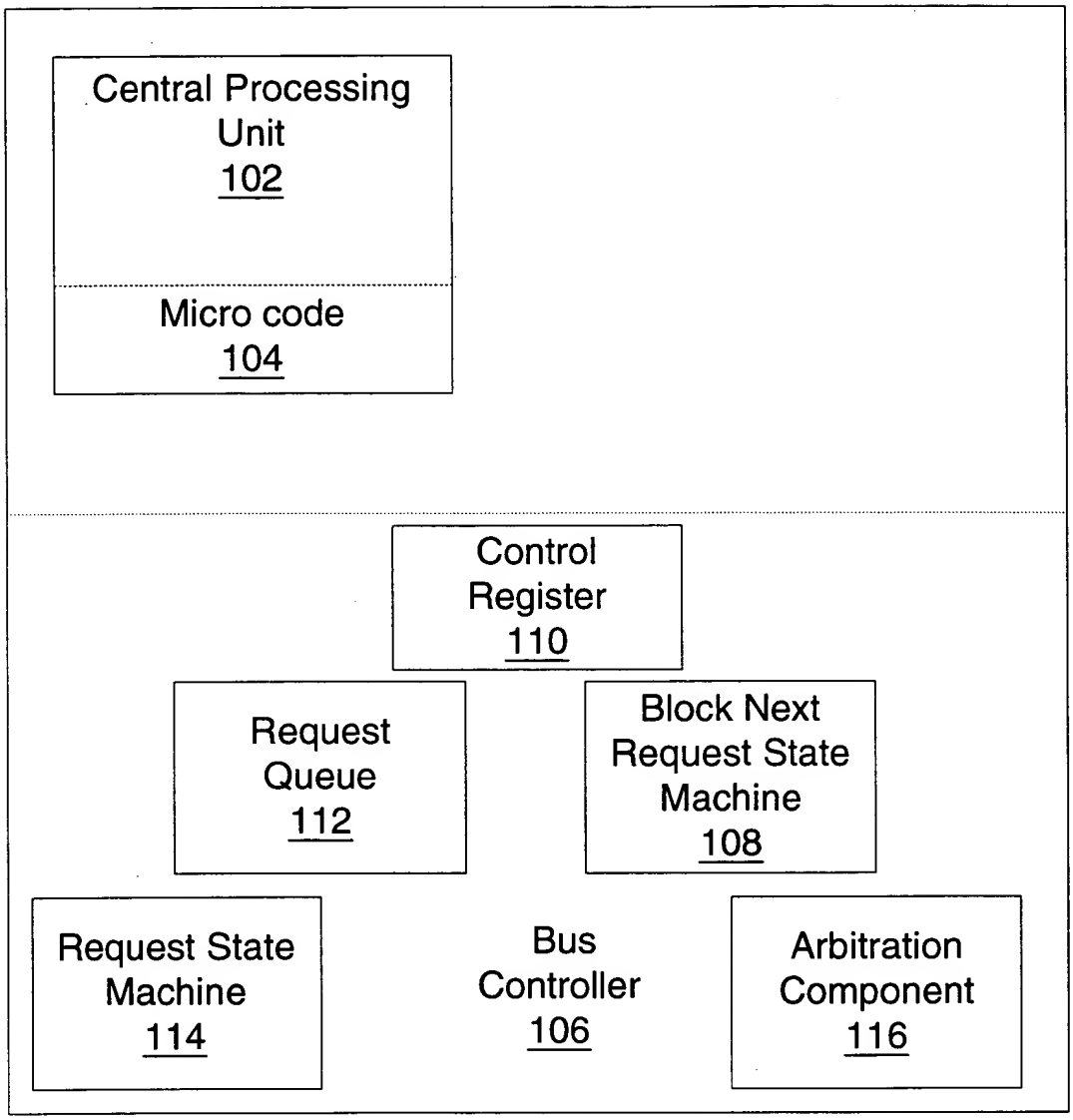
Central Processing Unit
102
Micro code
104
Control Register
110
Request Queue
112
Block Next Request State Machine
108
Request State Machine
114
Bus Controller
106
Arbitration Component
116

Figure 1

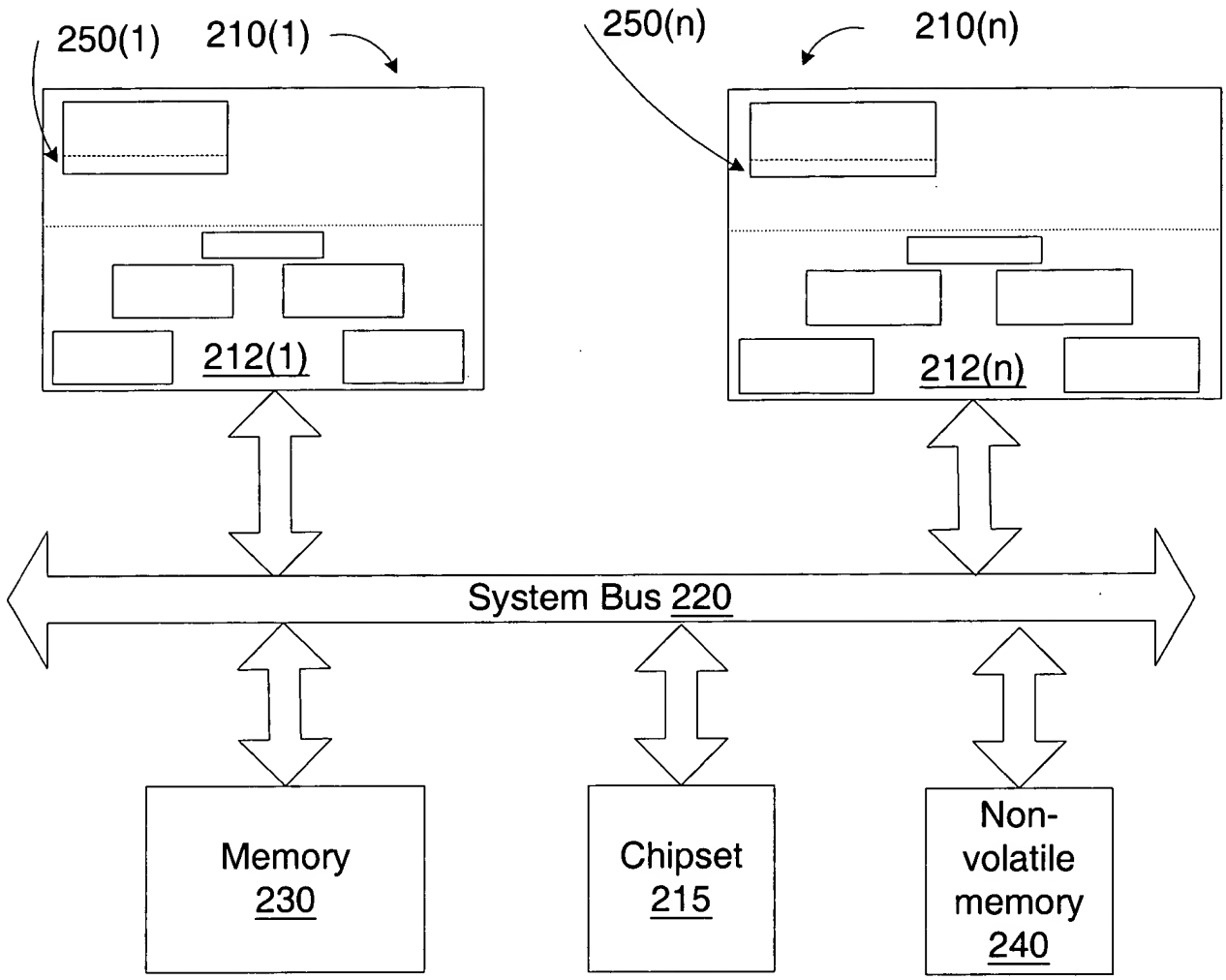
250(1)
210(1)
250(n)
210(n)
212(1)
212(n)
System Bus 220
Memory 230
Chipset 215
Non-volatile memory 240
200

Figure 2

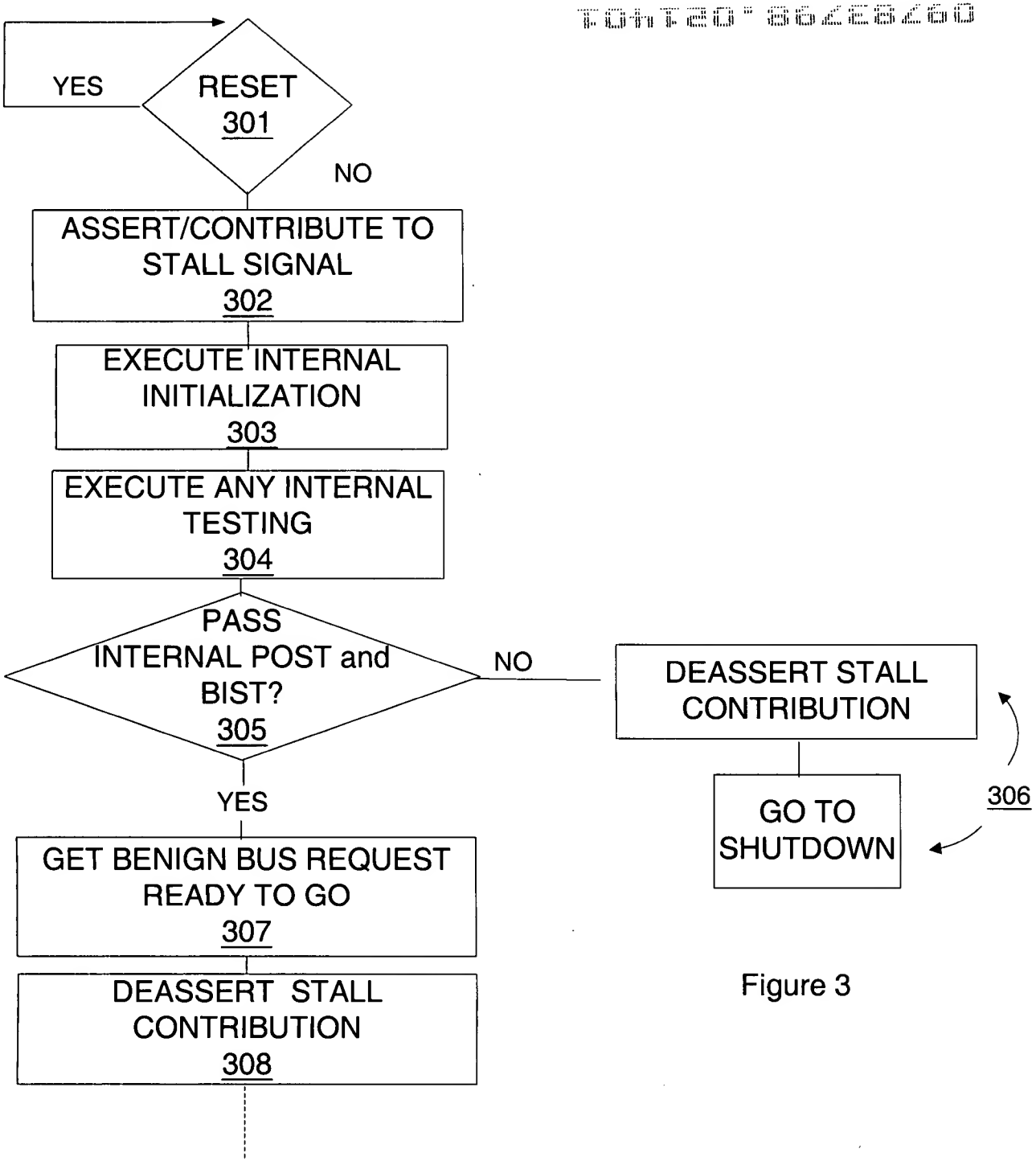

Figure 3

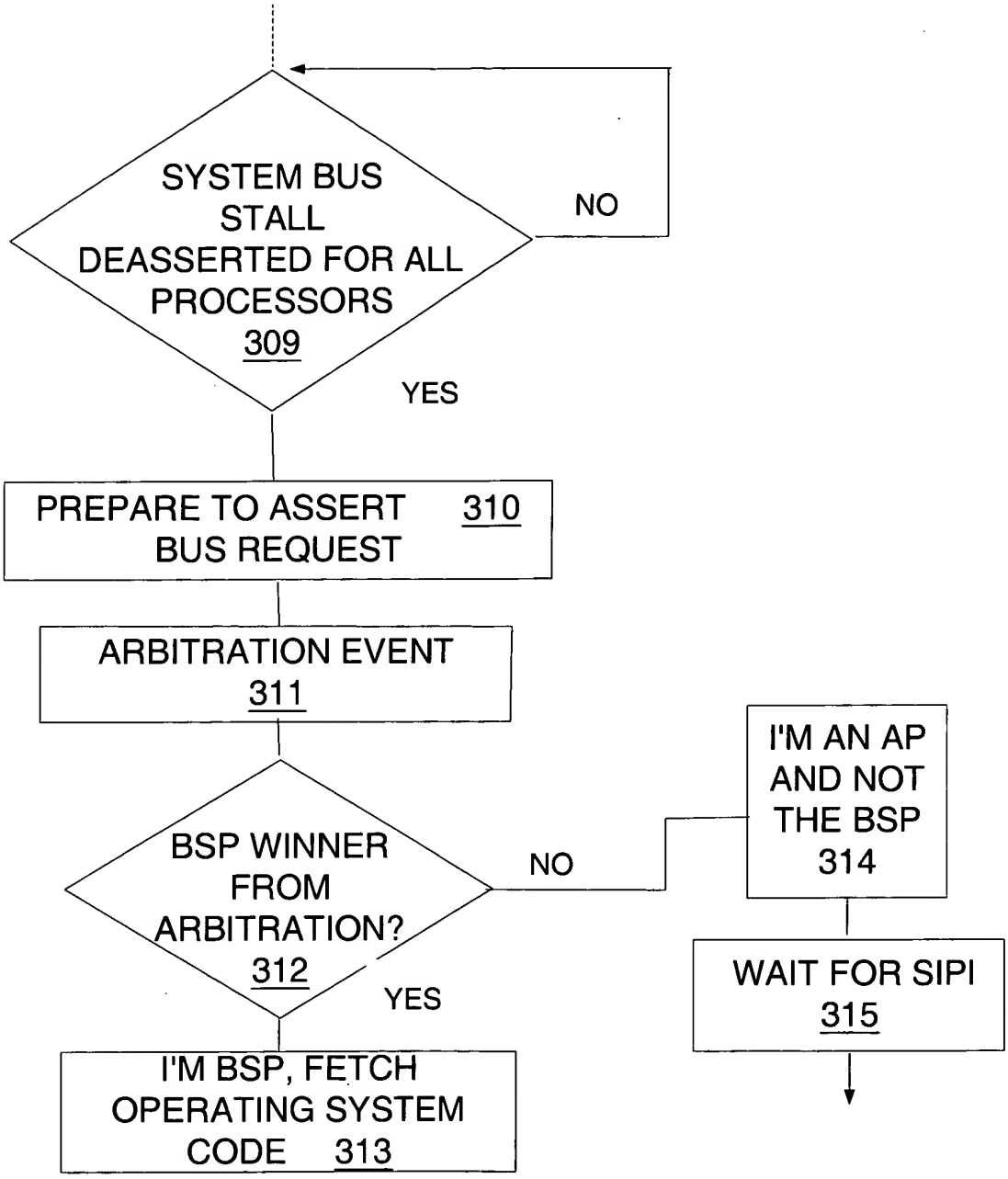
SYSTEM BUS STALL DEASSERTED FOR ALL PROCESSORS 309
NO
YES
PREPARE TO ASSERT BUS REQUEST 310
ARBITRATION EVENT 311
BSP WINNER FROM ARBITRATION? 312
NO
YES
I'M AN AP AND NOT THE BSP 314
WAIT FOR SIPI 315
I'M BSP, FETCH OPERATING SYSTEM CODE 313

Figure 4